

WHAT IS CLAIMED IS:

1. A recording medium having a data structure for managing reproduction of at least video data, comprising:

a navigation area storing at least one navigation file, the navigation file including navigation commands for managing reproduction of at least video data forming different parental control reproduction paths.

2. The recording medium of claim 1, wherein the navigation commands instruct playback of at least one playlist recorded on the recording medium for each different parental control reproduction path, each playlist representing at least a portion of at least one of audio and video data recorded on the recording medium.

3. The recording medium of claim 2, wherein the navigation commands are divided into navigation command groups, and at least one of the navigation command groups being associated with only one of the different reproduction paths.

4. The recording medium of claim 1, wherein the navigation commands selectively determine which playlist from a group of at least two playlists recorded on the recording medium to playback based on a selected parental control reproduction path.

5. The recording medium of claim 3, wherein the navigation commands selectively determine which of the playlists to playback based on user input indicating the selected parental control reproduction path.

6. The recording medium of claim 1, wherein the navigation commands are divided into navigation command groups, and each of the different parental control reproduction paths has at least one navigation command group associated therewith.

7. The recording medium of claim 6, wherein each navigation command group associated with a different parental reproduction path is associated with only one of the different parental reproduction paths.

8. The recording medium of claim 6, wherein a number of the navigation command groups selectively determine which playlist from a group of at least two playlists recorded on the recording medium to playback based on a selected parental control reproduction path.

9. The recording medium of claim 8, wherein the number of the navigation command groups selectively determine which of the playlists to playback based on user input indicating the selected parental control reproduction path.

10. The recording medium of claim 1, further comprising:

a playlist area storing at least one playlist associated with each of the different parental control reproduction paths, each playlist identifying at least a portion of a clip file forming at least a portion of one of audio and video data recorded on the recording medium.

11. The recording medium of claim 10, wherein each playlist is associated with only one of the different parental control reproduction paths.

12. The recording medium of claim 10, wherein at least two playlists, each associated with a different one of the different parental control reproduction paths, identify a same clip file.

11. The recording medium of claim 10, wherein at least two playlists, each associated with a different one the different parental control reproduction paths, identify a same portion of a same clip file.

12. The recording medium of claim 10, wherein at least two playlists, each associated with a different one of the different parental control reproduction paths, identify different clip files representing a same portion of a title.

13. The recording medium of claim 1, wherein the navigation file further

includes a length indicator indicating a length of the navigation file.

14. The recording medium of claim 1, wherein the navigation file further includes an attribute indicator providing an indication of at least one attribute of the navigation file.

15. The recording medium of claim 1, wherein the navigation commands are divided into navigation command groups, and the navigation file further includes a number of navigation command groups indicator indicating a number of the navigation command groups in the navigation file.

16. The recording medium of claim 1, wherein the navigation commands are divided into navigation command groups and the navigation file further includes a length indicator indicating a length of the navigation file, an attribute indicator providing an indication of at least one attribute of the navigation file, and a number of navigation command groups indicator indicating a number of the navigation command groups in the navigation file.

17. A method of recording a data structure for managing reproduction of data on a recording medium, comprising:

recording at least one navigation file on the recording medium, the navigation file including navigation commands for managing reproduction of at least video data forming different parental control reproduction paths.

18. A method of reproducing a data structure for managing reproduction of at least data recorded on a recording medium, comprising:

reproducing at least one navigation file recorded on the recording medium, the navigation file including navigation commands for managing reproduction of at least video data forming different parental control reproduction paths.

19. An apparatus for recording a data structure for managing reproduction of at least data on a recording medium, comprising:

a driver for driving an optical recording device to record data on the recording medium;

a controller for controlling the driver to record at least one navigation file on recording medium, the navigation file including navigation commands for managing reproduction of at least video data forming different parental control reproduction paths.

20. An apparatus for reproducing a data structure for managing reproduction of at least multiple reproduction path video data recorded on a recording medium, comprising:

a driver for driving an optical reproducing device to reproduce data recorded on the recording medium;

a controller for controlling the driver to reproduce at least one

navigation file recorded on the recording medium, the navigation file including navigation commands for managing reproduction of at least video data forming different parental control reproduction paths.